

## Recombinant Human LIF protein

Cat. No. LIF-1398H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LIF protein(P15018-1)(Ser23-Phe202) was expressed in E.coli.
<b>Species</b>	Human
<b>ProteinLength</b>	Ser23-Phe202
<b>Tag</b>	N/A
<b>Form</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	Immobilized Human LIF, No Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human LIF, His Tag with the EC50 of 81.3ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 19.86 kDa same as Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

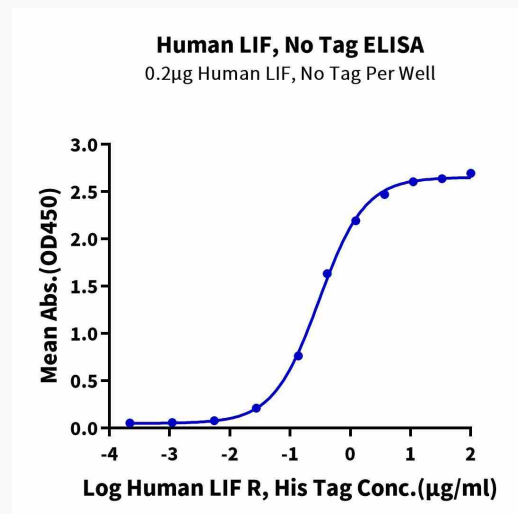
 45-1 Ramsey Road, Shirley, NY 11967, USA

**GENE INFORMATION****Gene Name** LIF leukemia inhibitory factor [ Homo sapiens ]**Official Symbol** LIF**Synonyms** LIF; leukemia inhibitory factor; CDF; cholinergic differentiation factor; DIA; differentiation inhibitory activity; differentiation inducing factor; hepatocyte stimulating factor III; HILDA; human interleukin in DA cells; D factor; melanoma-derived LPL inhibitor; differentiation-inducing factor; hepatocyte-stimulating factor III; differentiation-stimulating factor; MLPLI;**Gene ID** 3976**mRNA Refseq** NM\_001257135**Protein Refseq** NP\_001244064**MIM** 159540**UniProt ID** P15018 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA

**Tris-Bis PAGE**



**ELISA**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA